

Samples of Student Thinking

$8 + 5 =$

8 plus 2 is 10.
10 and 3 more is 13.

$4 \times 16 =$

I know 2 times 16 is 32.
If I double that, I get 64.

92-36

$$\begin{array}{r} 35 \\ 92 \\ - 36 \\ \hline 56 \end{array}$$

20 x 13

This work is by a second grade student. There were 20 students in his class.

Lifesavers Problem

Each student in the class has a large pack of lifesavers. Each pack of lifesavers has 13 candies. How many candies does the whole class have?

10 20 30 40 50 60 70
80 90 100 + 100 = 200
30 + 30 = 60

260

I count by ten to a 100 and add a 100 + 100.

I count by threes up to a 30 and then 30 + 3 = 60